

WEEKLY ENGLISH PUBLICATIONS LTD.

86-132058/21 WELLA AG 10.11.84-DE-441148 (15.05.86) A61K-07/13 C07C-91/44 D06P-03/08 Oxidn. hair dye compnts. for dyeing hair in red shades - contg. 4- amino-2-hydroxy-alkyl-phenol or salt derivs. as developers C86-056603	D21 E14 WELA 10.11.84 *DE 3441-148-A D10-B6) E(10-B3A, 26-A3, 26-C)	<u>USE</u> The compns. dyes hair a wide range of red shades with tints ranging from blond to violet, blue and black.
(A) An oxidative hair-dyeing compsn., based on a developer-coupler combination, contains, as developer, a 4-amino-2-hydroxyalkyl-phenol of formula (I) or a salt thereof	<u>ADVANTAGE</u> (I) have better physiological properties than p-aminophenol used hitherto in the red range.	<u>PREFERRED COMPOSITIONS</u> The compsn. contains 0.01-3 wt. % (I). The total amt. of developer-coupler combination is 0.1-5 (esp. 0.5-4) wt. %. The compsns. are adjusted to pH 8-11.5. The compsns. contain the usual couplers (e.g. 1-naphthol, resorcinol or 4-hydroxyindole) and can also contain 0.1-4 wt. % of further dye components (e.g. direct-drawing dyes, aromatic nitro dyes,azo dyes and dispersion dyes) and antioxidants (e.g. ascorbic acid or Na ₂ SO ₃).
 (I) R = 1-4C mono-hydroxyalkyl. (B) 4-Amino-2-(2'-hydroxyethyl)-phenol (Ia) is new.	<u>PREPARATION</u> (Ia) was prepd. in 4 steps, comprising (I) the deacetylation of 2-aminophenyl ethyl alcohol, (II) is pref. (Ia) or 4-amino-2-hydroxymethyl-phenol (Ib)	DE3441148-A*